

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012700.D
 Acq On : 23 Feb 2023 11:57
 Operator : KP/MD
 Sample : 01666-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW10-GW-958-960

Quant Time: Feb 23 23:52:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

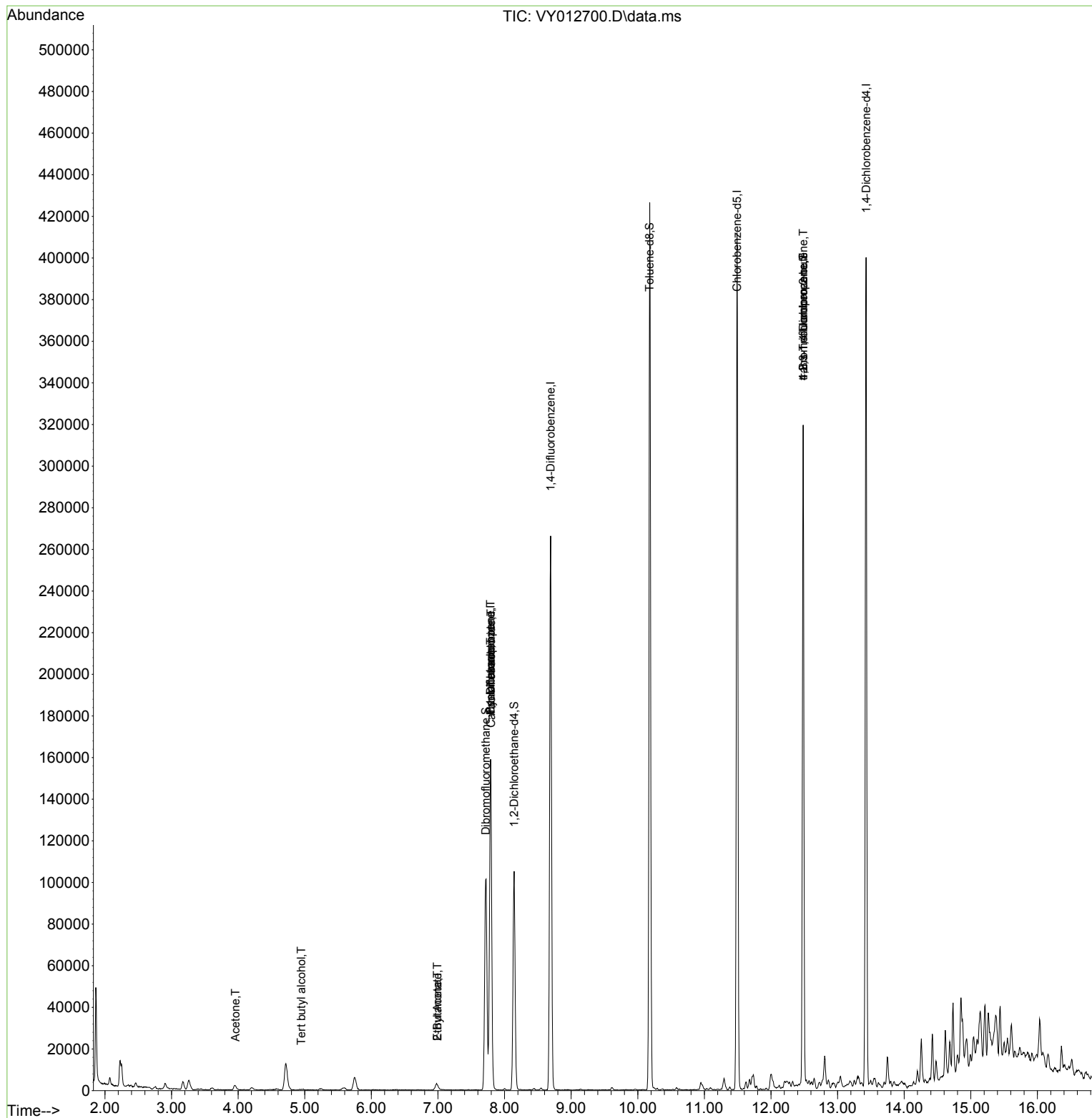
Internal Standards						
1) Pentafluorobenzene	7.789	168	122470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77023	53.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.500%	
35) Dibromofluoromethane	7.716	113	72731	49.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.400%	
50) Toluene-d8	10.179	98	265675	47.973	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.940%	
62) 4-Bromofluorobenzene	12.483	95	91370	51.558	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	450	Below Cal		99
11) Tert butyl alcohol	4.948	59	486	3.072 ug/l	#	74
16) Acetone	3.960	43	4306	9.123 ug/l		100
25) 2-Butanone	6.990	43	1724	2.752 ug/l		98
31) Cyclohexane	7.789	56	2965	1.180 ug/l	#	1
36) 1,1-Dichloropropene	7.789	75	9571	4.085 ug/l	#	50
37) Ethyl Acetate	6.990	43	1724	1.090 ug/l	#	81
38) Carbon Tetrachloride	7.795	117	11842	4.888 ug/l	#	18
76) 1,2,3-Trichloropropane	12.483	75	48425	39.434 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48425	83.540 ug/l	#	10

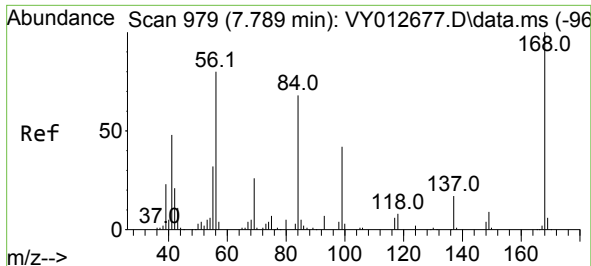
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BP-VPB-RW10-GW-958-960

Quant Time: Feb 23 23:52:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

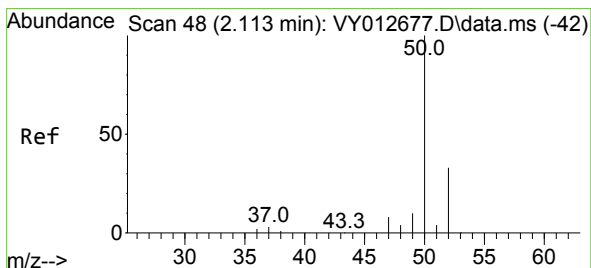
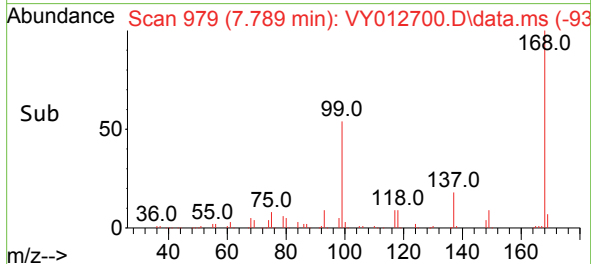
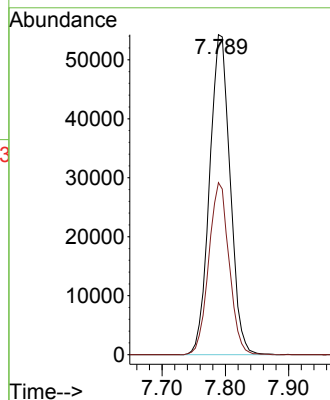
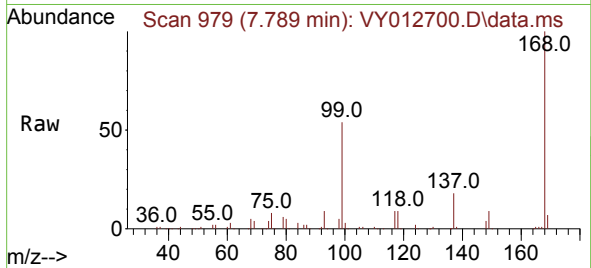




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

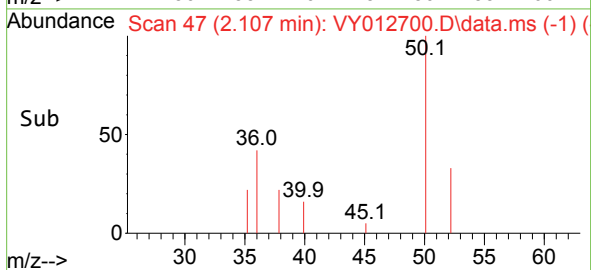
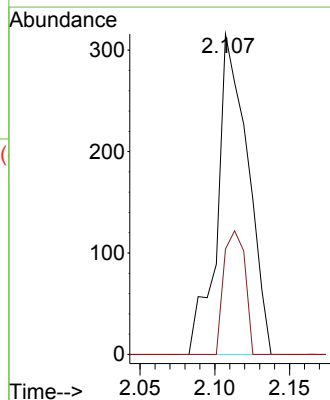
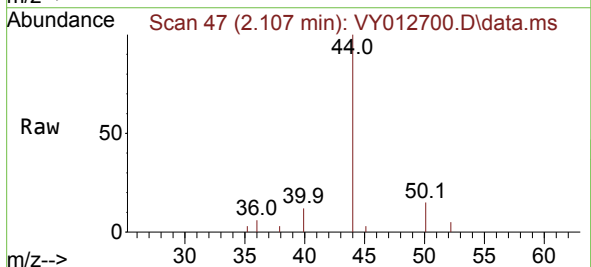
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-958-960

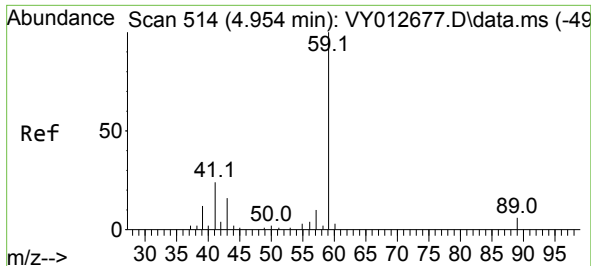
Tgt Ion:168 Resp: 122470
Ion Ratio Lower Upper
168 100
99 53.7 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion: 50 Resp: 450
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

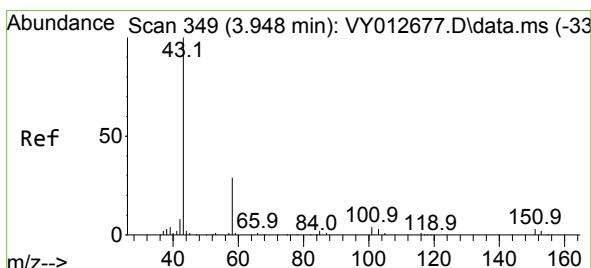
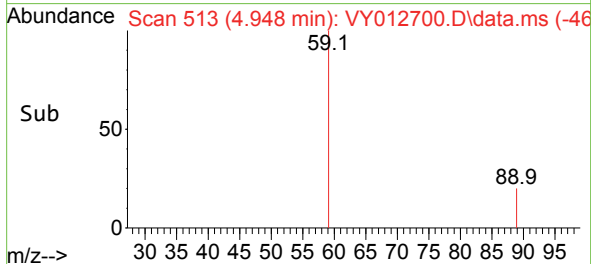
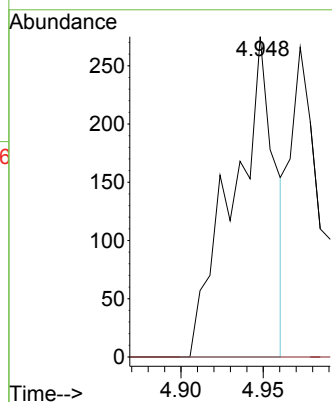
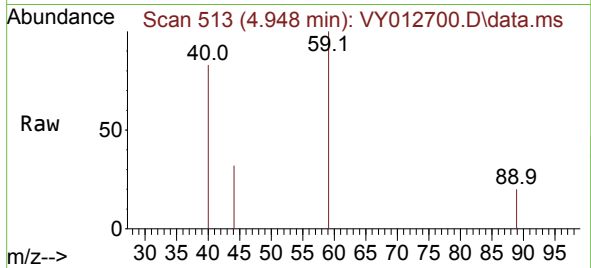




#11
Tert butyl alcohol
Concen: 3.072 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

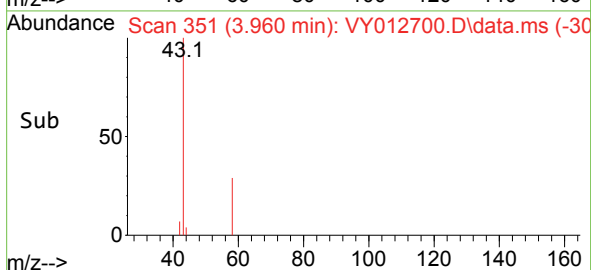
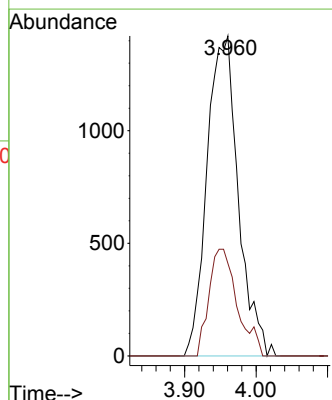
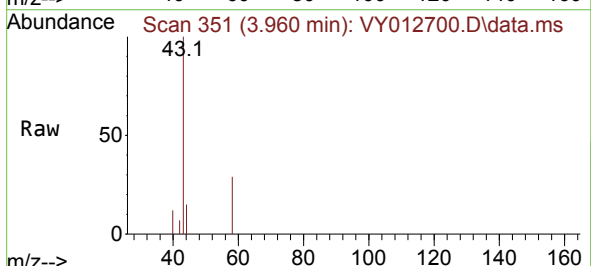
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-958-960

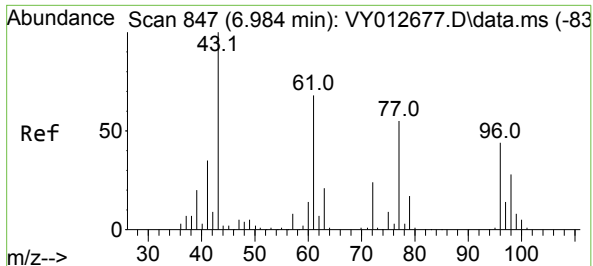
Tgt Ion: 59 Resp: 486
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 9.123 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion: 43 Resp: 4306
Ion Ratio Lower Upper
43 100
58 28.9 23.3 34.9

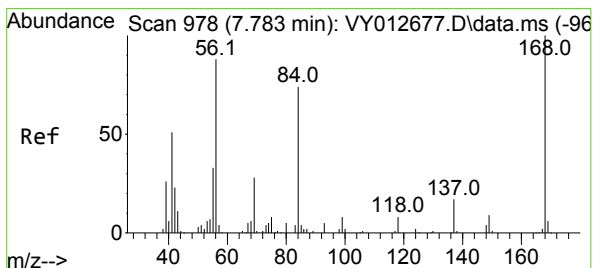
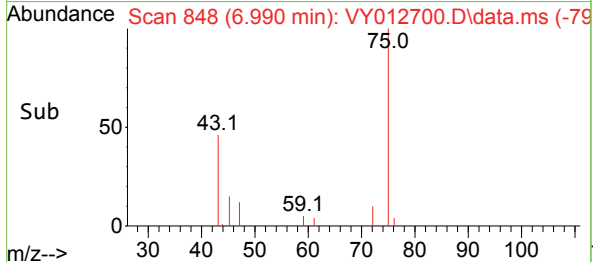
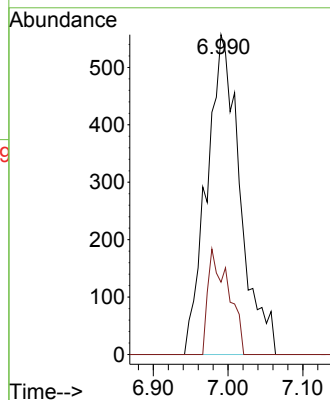
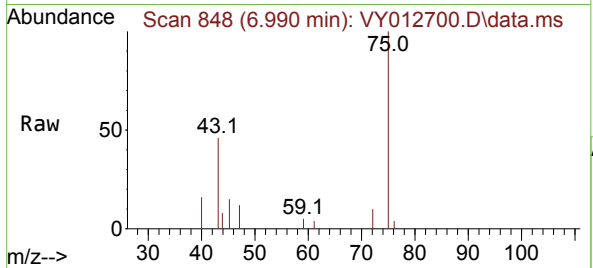




#25
2-Butanone
Concen: 2.752 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

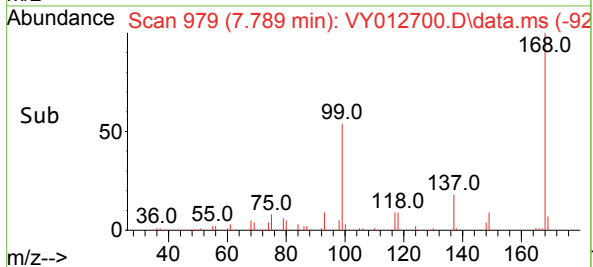
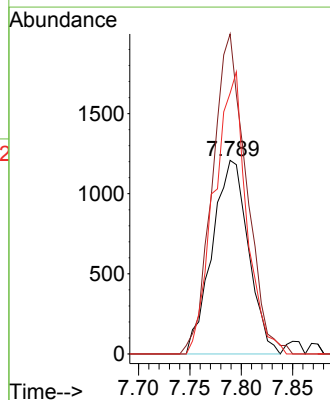
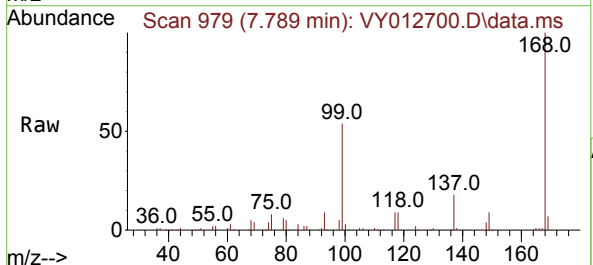
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-958-960

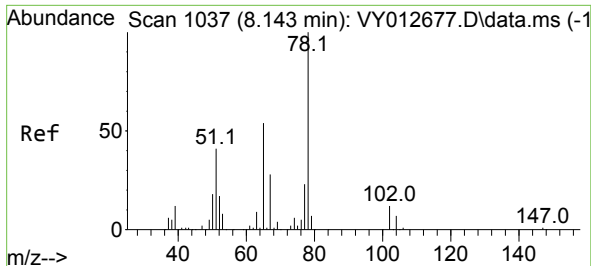
Tgt Ion: 43 Resp: 1724
Ion Ratio Lower Upper
43 100
72 22.6 18.8 28.2



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion: 56 Resp: 2965
Ion Ratio Lower Upper
56 100
69 165.3 25.4 38.2#
84 134.8 67.3 100.9#

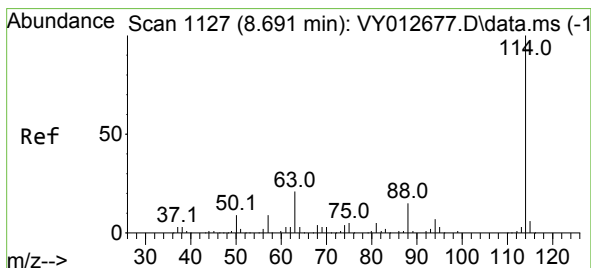
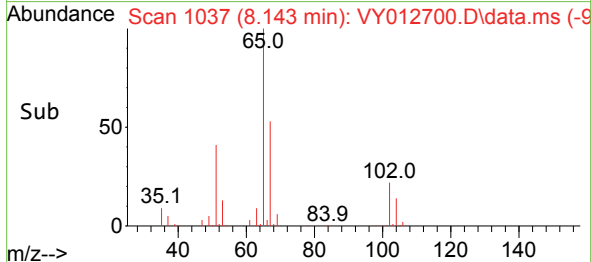
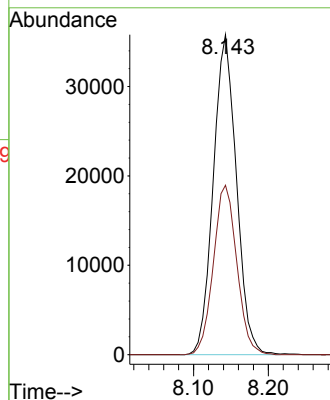
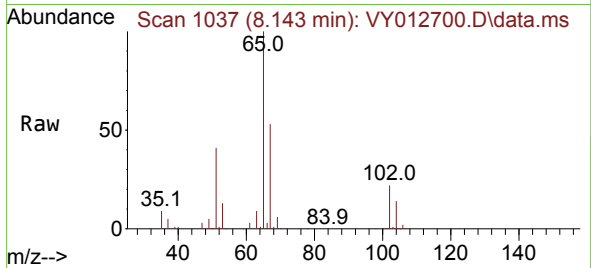




#33
1,2-Dichloroethane-d4
Concen: 53.251 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

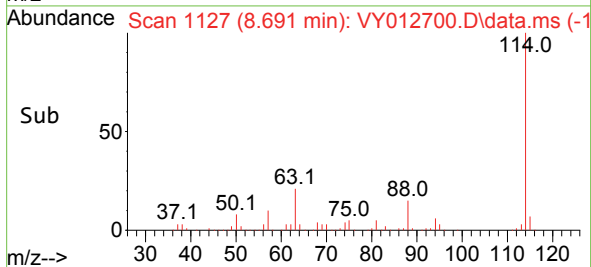
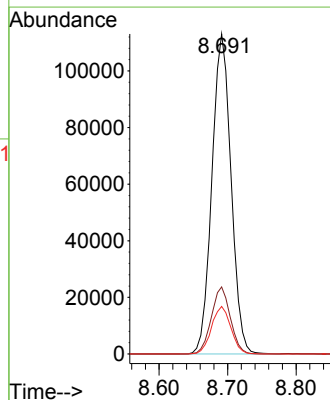
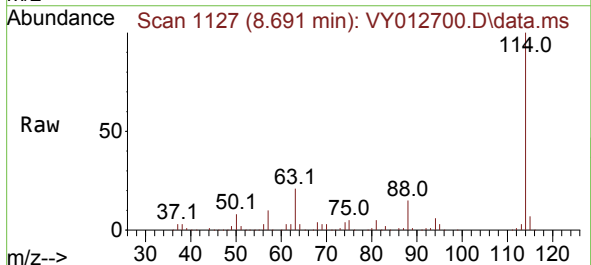
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-958-960

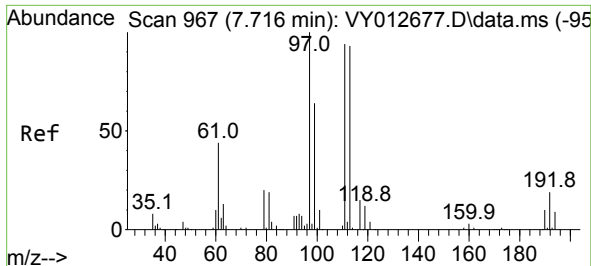
Tgt Ion: 65 Resp: 77023
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion:114 Resp: 218852
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 14.9 0.0 29.6

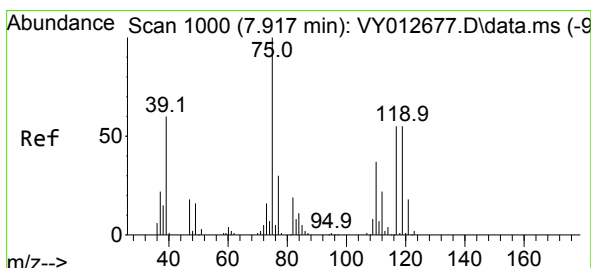
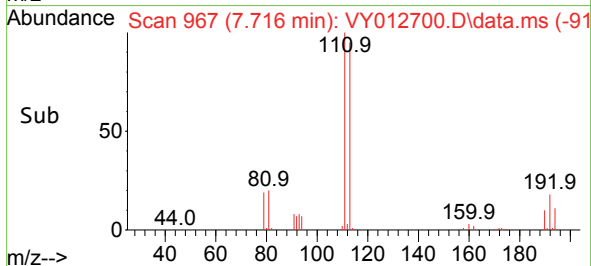
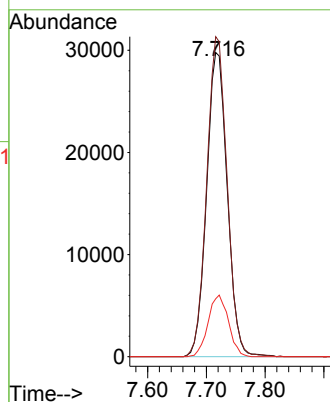
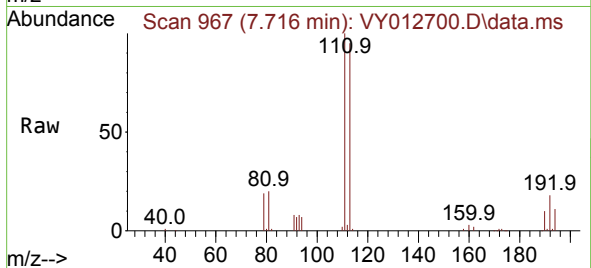




#35
Dibromofluoromethane
Concen: 49.202 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

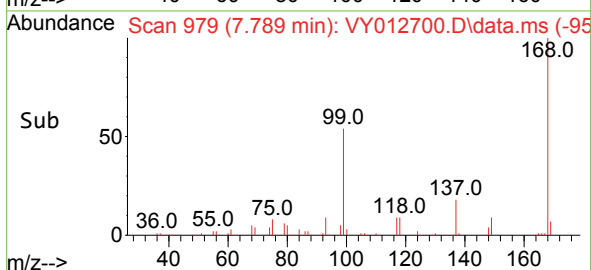
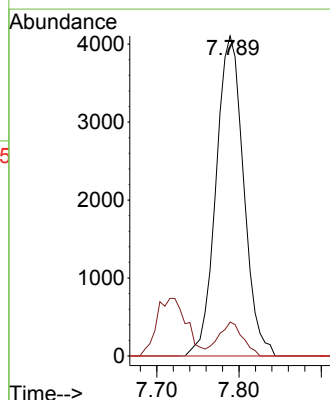
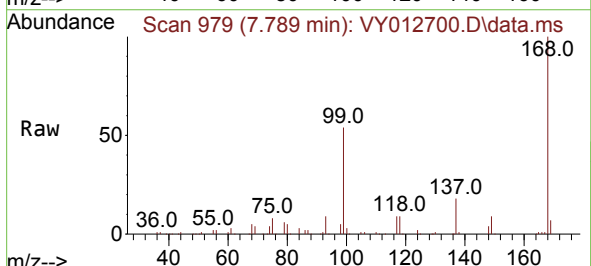
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-958-960

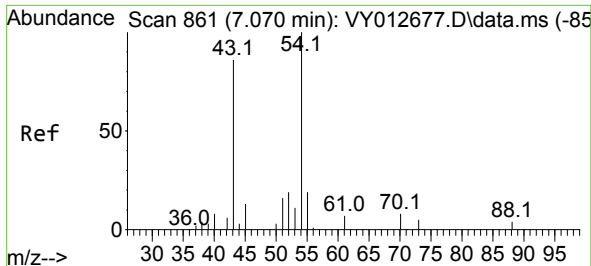
Tgt Ion:113 Resp: 72731
Ion Ratio Lower Upper
113 100
111 103.8 82.0 123.0
192 20.0 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.085 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion: 75 Resp: 9571
Ion Ratio Lower Upper
75 100
110 9.3 17.6 52.8#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.090 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.080 min

Lab File: VY012700.D

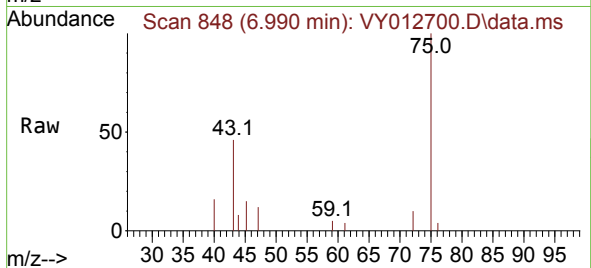
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Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW10-GW-958-960



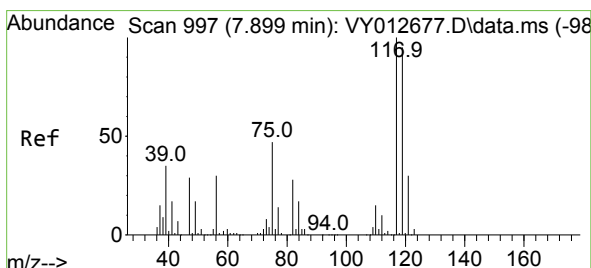
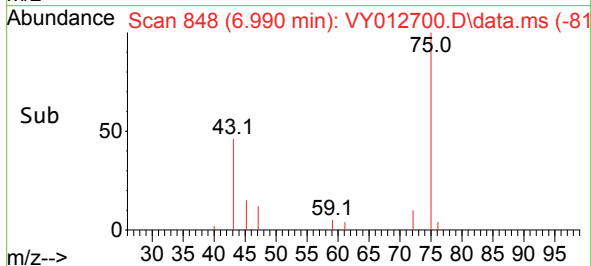
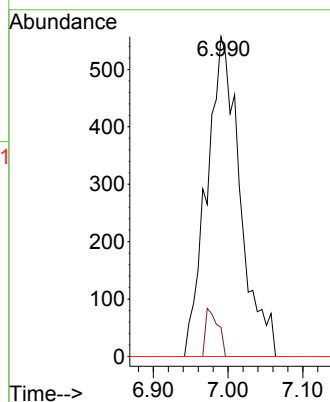
Tgt Ion: 43 Resp: 1724

Ion Ratio Lower Upper

43 100

61 5.6 9.9 14.9#

70 0.0 6.4 9.6#



#38

Carbon Tetrachloride

Concen: 4.888 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY012700.D

Acq: 23 Feb 2023 11:57

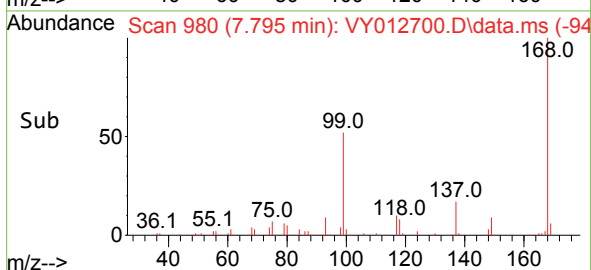
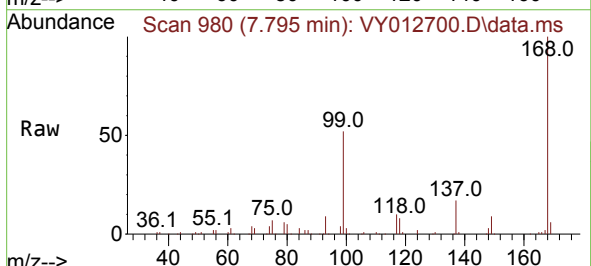
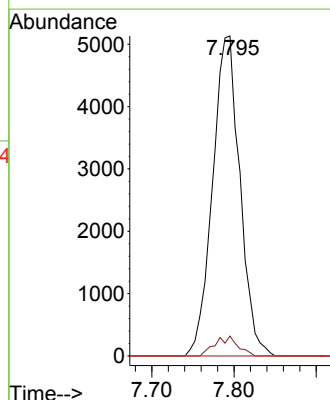
Tgt Ion: 117 Resp: 11842

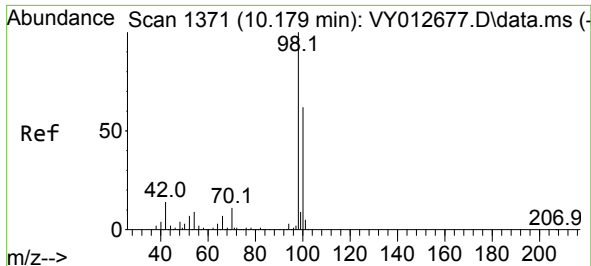
Ion Ratio Lower Upper

117 100

119 6.2 75.5 113.3#

121 0.0 23.8 35.8#

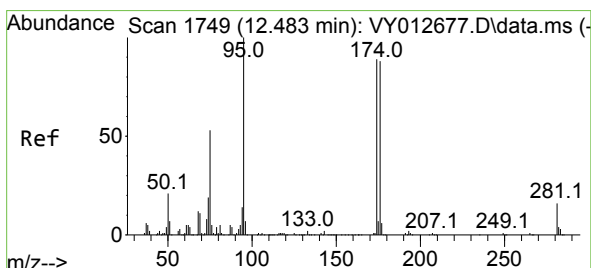
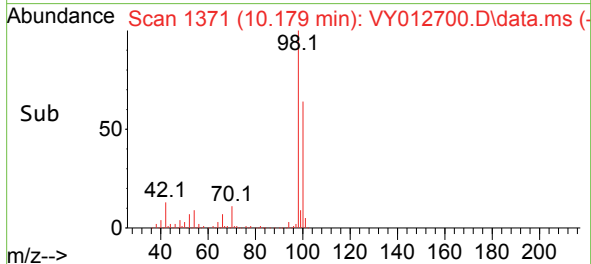
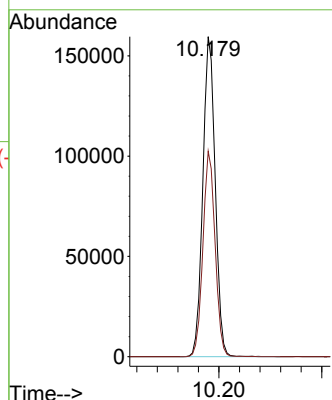
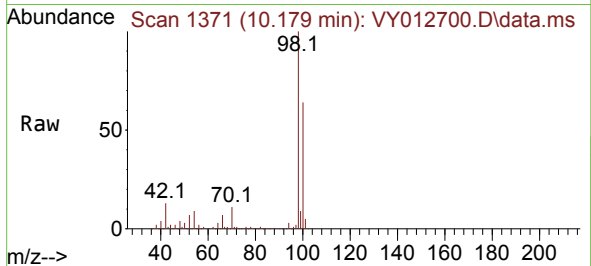




#50
Toluene-d8
Concen: 47.973 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

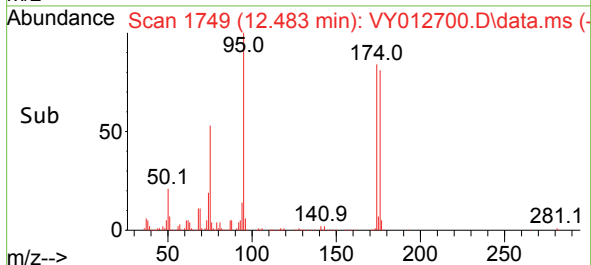
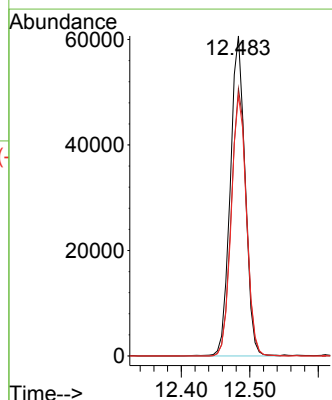
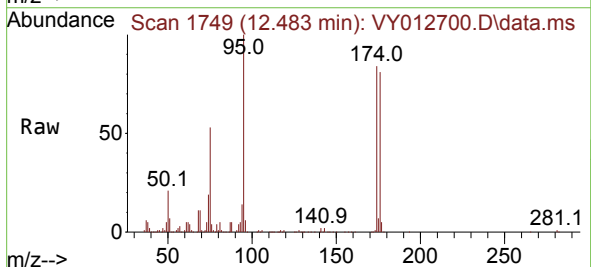
Instrument :
MSVOA_Y
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BP-VPB-RW10-GW-958-960

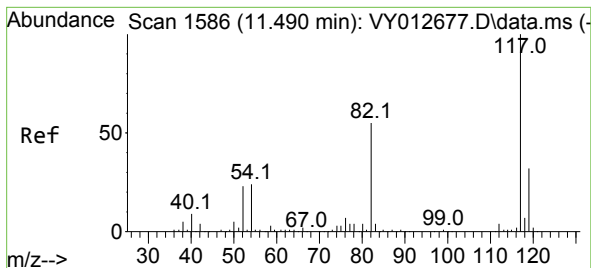
Tgt Ion: 98 Resp: 265675
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 51.558 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion: 95 Resp: 91370
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.8
176 83.2 0.0 169.4

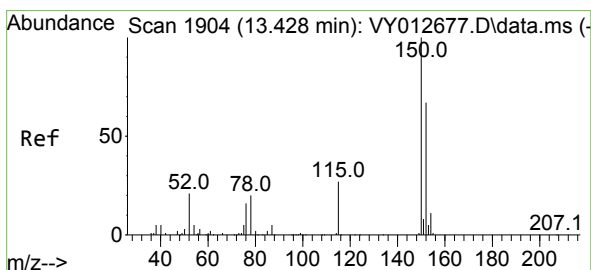
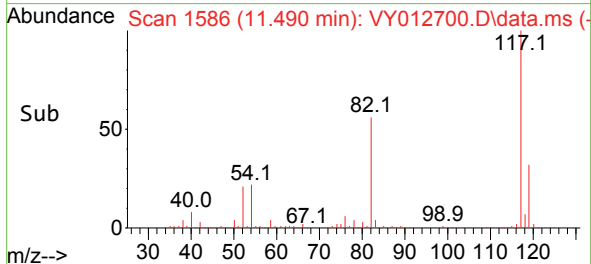
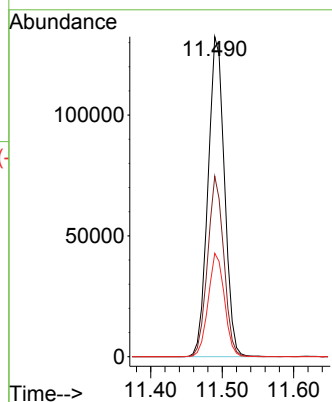
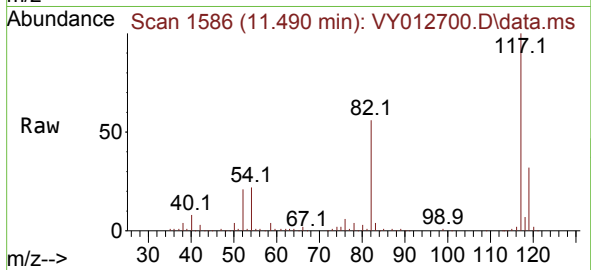




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

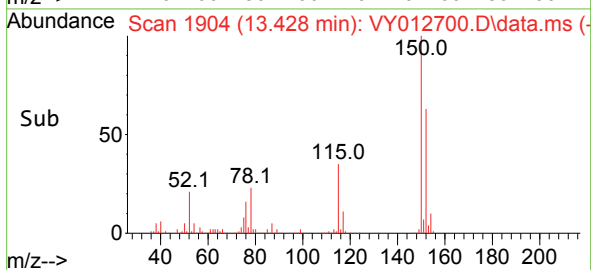
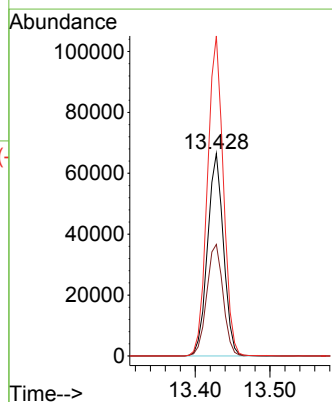
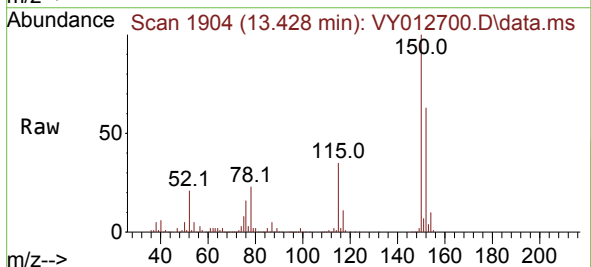
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-958-960

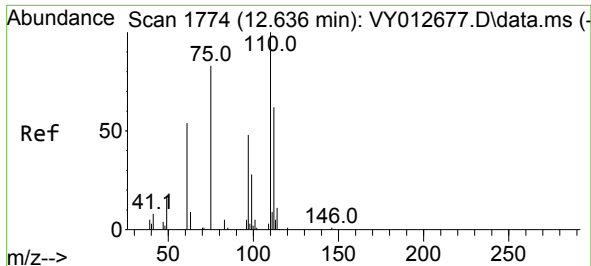
Tgt Ion:117 Resp: 211800
Ion Ratio Lower Upper
117 100
82 56.4 44.1 66.1
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion:152 Resp: 98503
Ion Ratio Lower Upper
152 100
115 56.6 28.7 86.3
150 157.6 0.0 347.6

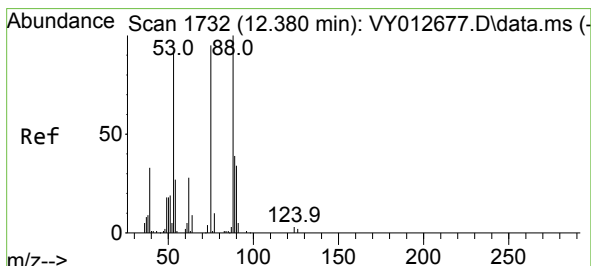
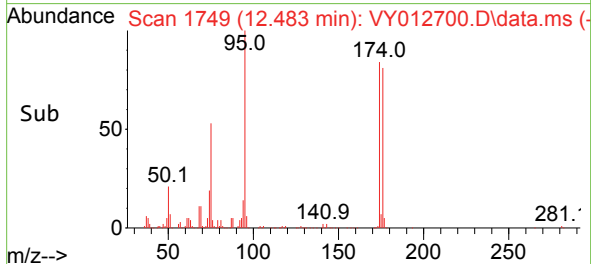
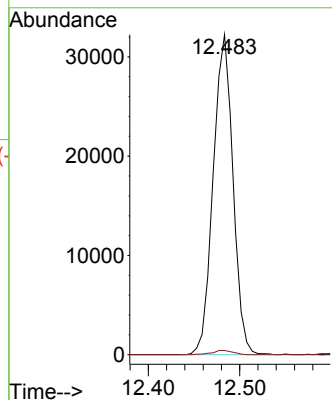
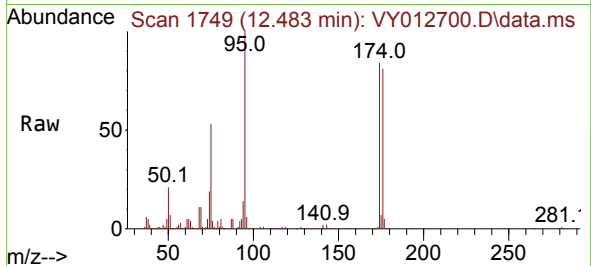




#76
1,2,3-Trichloropropane
Concen: 39.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-958-960

Tgt Ion: 75 Resp: 48425
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.540 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012700.D
Acq: 23 Feb 2023 11:57

Tgt Ion: 75 Resp: 48425
Ion Ratio Lower Upper
75 100
53 0.4 80.4 120.6#
89 0.0 36.5 54.7#

